

WHAT IS CLAIMED IS:

1. An audio signal processing apparatus capable of changing the tempo of an input audio signal, said apparatus comprising:
magnification designating means capable of designating a plurality of different magnifications;

means capable of automatically detecting a BPM (Beats Per Minute) or a beat period of the input audio signal, changing said BPM or said beat period in accordance with a magnification designated by the magnification designating means, changing the tempo of the audio signal in accordance with the changed BPM and the changed beat period.

2. An audio signal processing apparatus according to claim

1, wherein manual designating means is provided for designating any optional value serving as a ^{beats per minute}~~BPM~~ and a beat period.

3. An audio signal processing apparatus according to claim

1, wherein fine adjustment means is provided to effect a fine adjustment on a ^{beats per minute}~~BPM~~ and a beat period.

4. An audio signal processing apparatus according to claim

1, wherein indicators are provided to indicate a ^{beats per minute}~~BPM~~ and a beat period.

5. An audio signal processing apparatus according to claim 1, wherein mixer is provided such that ^{an changed tempo} an audio signal ^{input} generated by changing the tempo of said audio signal may be mixed with said input audio signal, thereby producing a newly formed audio signal.

6. An audio signal processing apparatus according to claim 5, wherein mixing ratio adjusting means is provided to adjust a mixing ratio when ^{said changed tempo} an audio signal generated by changing the tempo of said ^{input} audio signal is mixed with said input audio signal, thereby producing a newly formed audio signal.

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